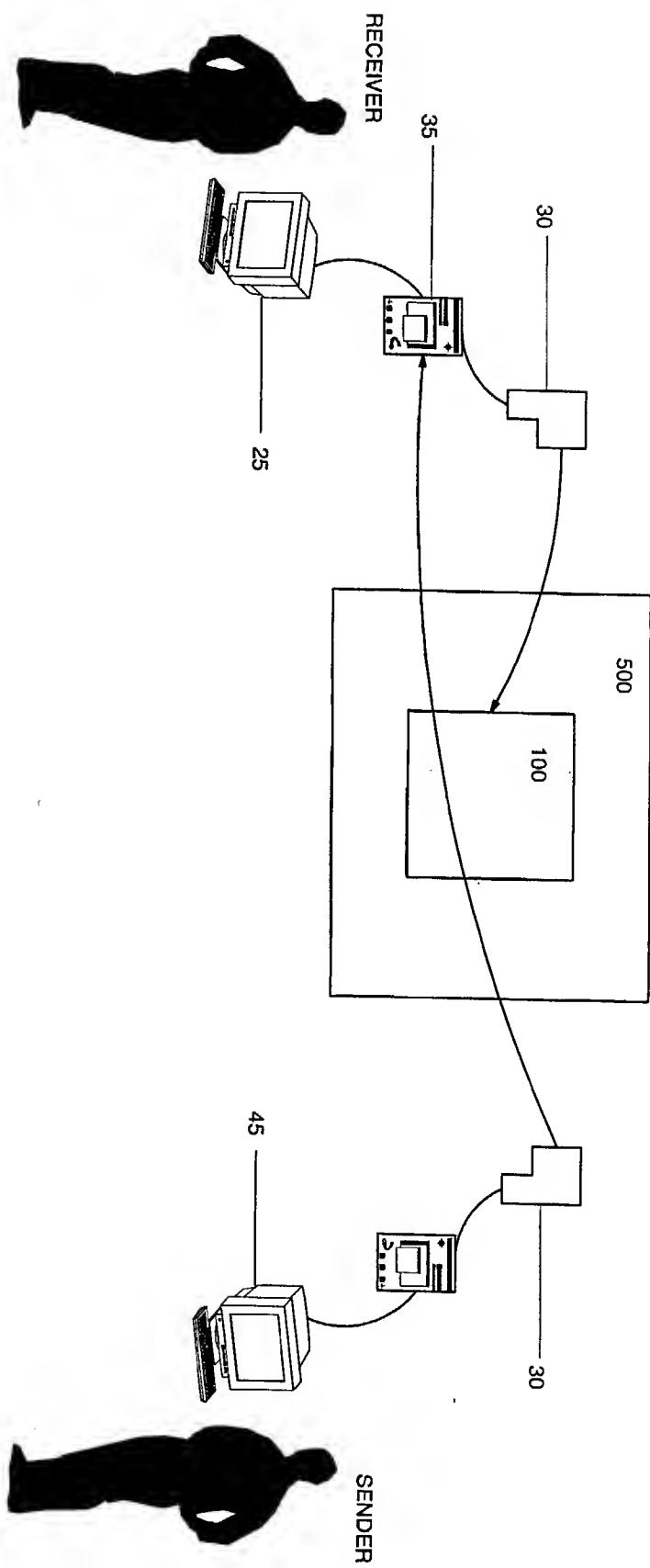


FIG. 1



First Name, Last Name Format	Extraction Algorithm States
Michael Smith	2,6
M. Smith	2,6
M. J. Smith	2,4,6
Michael J. Smith	2,4,6
M. Joseph Smith	2,4,6
Michael Joseph Smith	2,4,6
Mr. Smith	1,3
Mr. Michael Smith	1,2,6
Mr. M. Smith	1,2,6
Mr. M. J. Smith	1,2,4,6
Mr. Michael J. Smith	1,2,4,6
Mr. M. Joseph Smith	1,2,4,6
Mr. Michael Joseph Smith	1,2,4,6
Last Name, First Name Format	
Smith, Michael	3,5
Smith, M.	3,5
Smith, M. J.	3,5,7
Smith, Michael J.	3,5,7
Smith, M. Joseph	3,5,7
Smith, Michael Joseph	3,5,7
Smith, Mr.	3,3
Smith, Mr. Michael	3,3,5
Smith, Mr. M.	3,3,5
Smith, Mr. M. J.	3,3,5,7
Smith, Mr. Michael J.	3,3,5,7
Smith, Mr. M. Joseph	3,3,5,7
Smith, Mr. Michael Joseph	3,3,5,7
Post/Ancestor Combinations	
III	8
PhD	7
III PhD	8,7

Figure 2

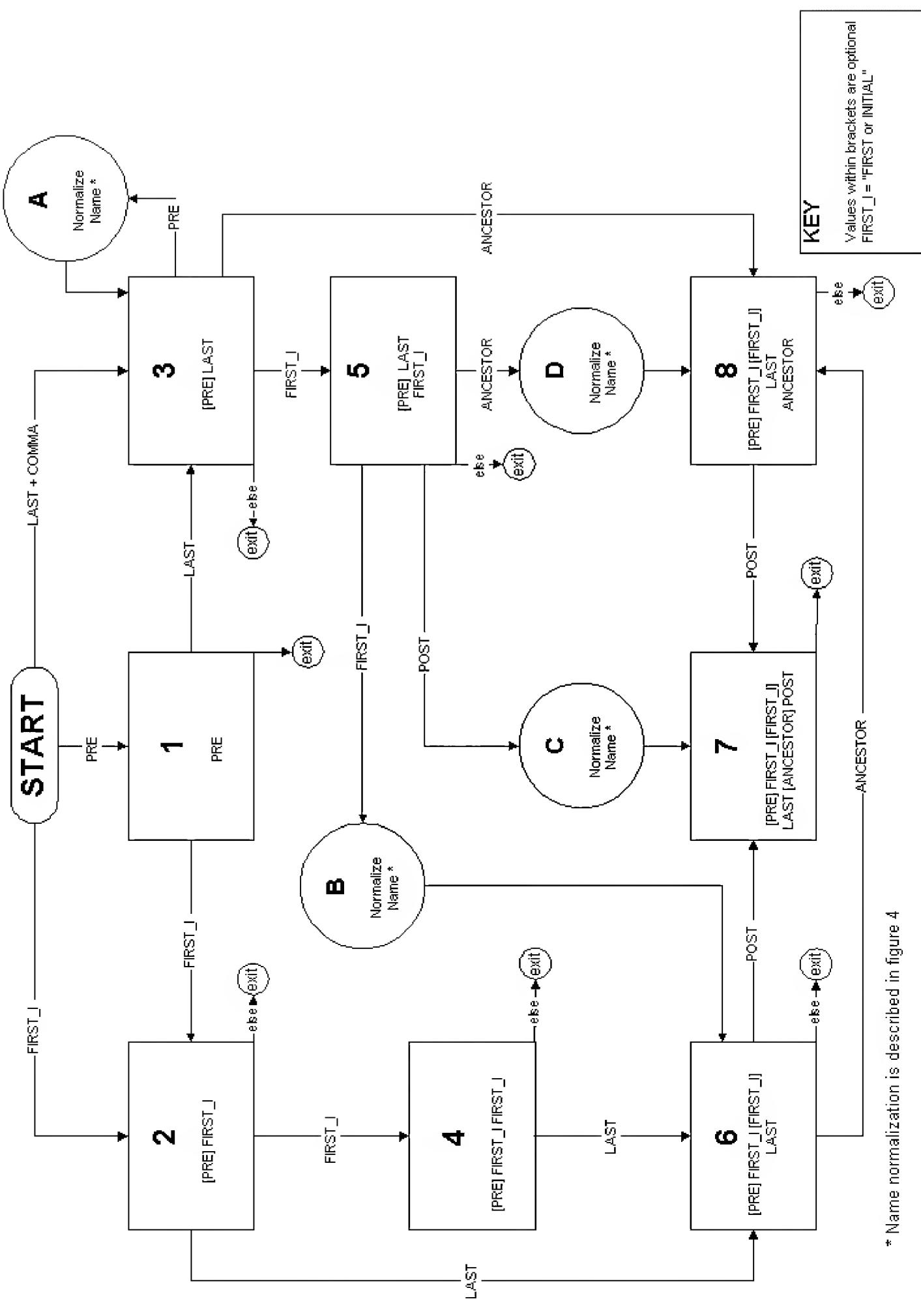


Figure 3

AFTER

(First-Last Format)

BEFORE

(Last-First Format)

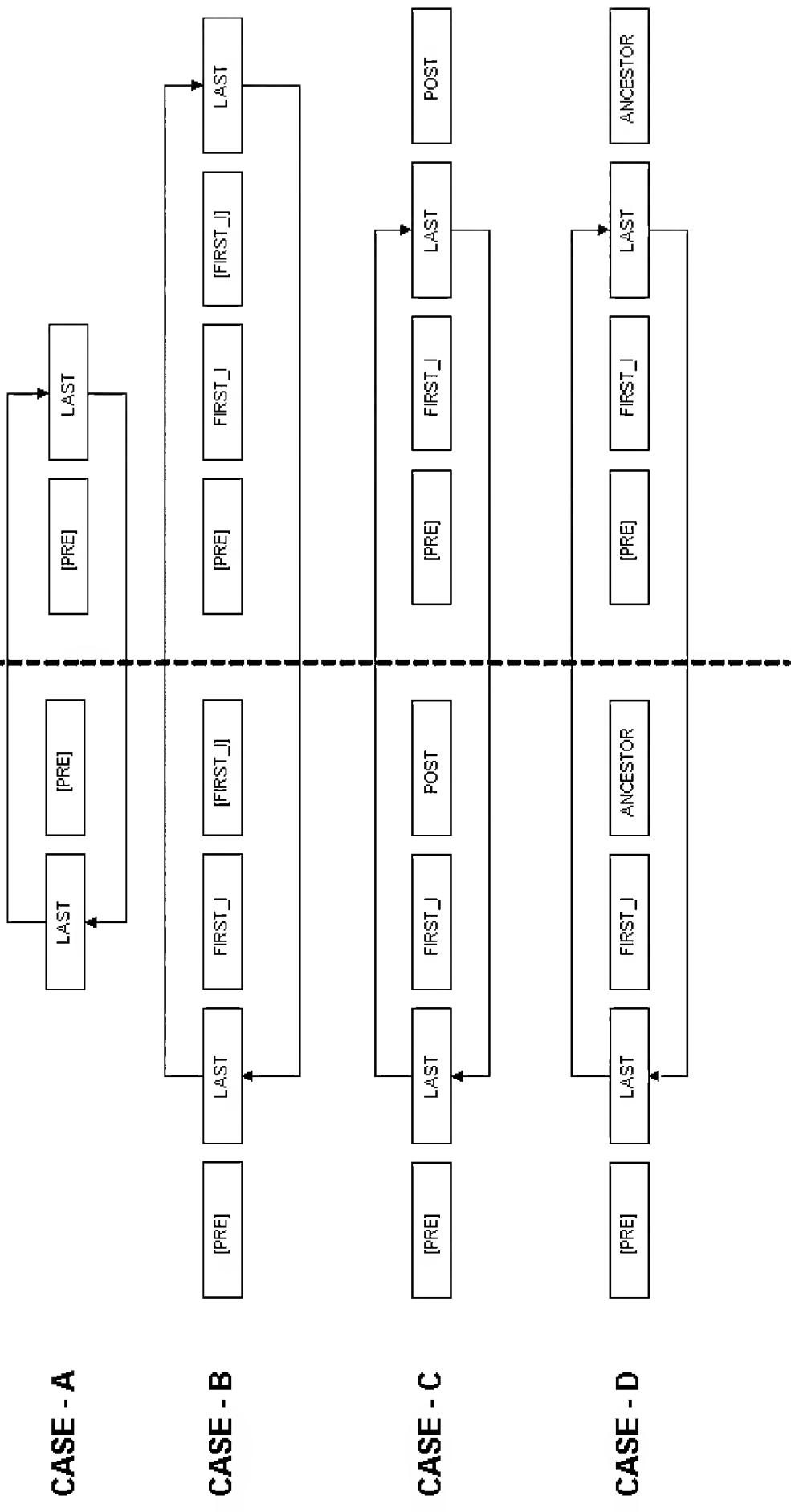


Figure 4

KEY

P = Name Probability

D_NOTCAPS
Decrement, not all capitalized

D_TIME

D_WORD
Decrement, substring = word

D_DIRECTION
Decrement, substring = direction

D_POSTAL
Decrement, substring = postal code

D_AREA
Decrement, substring = area

D_STATE
Decrement, substring = state

D_STATEA
Decrement, substring = state abbrev.

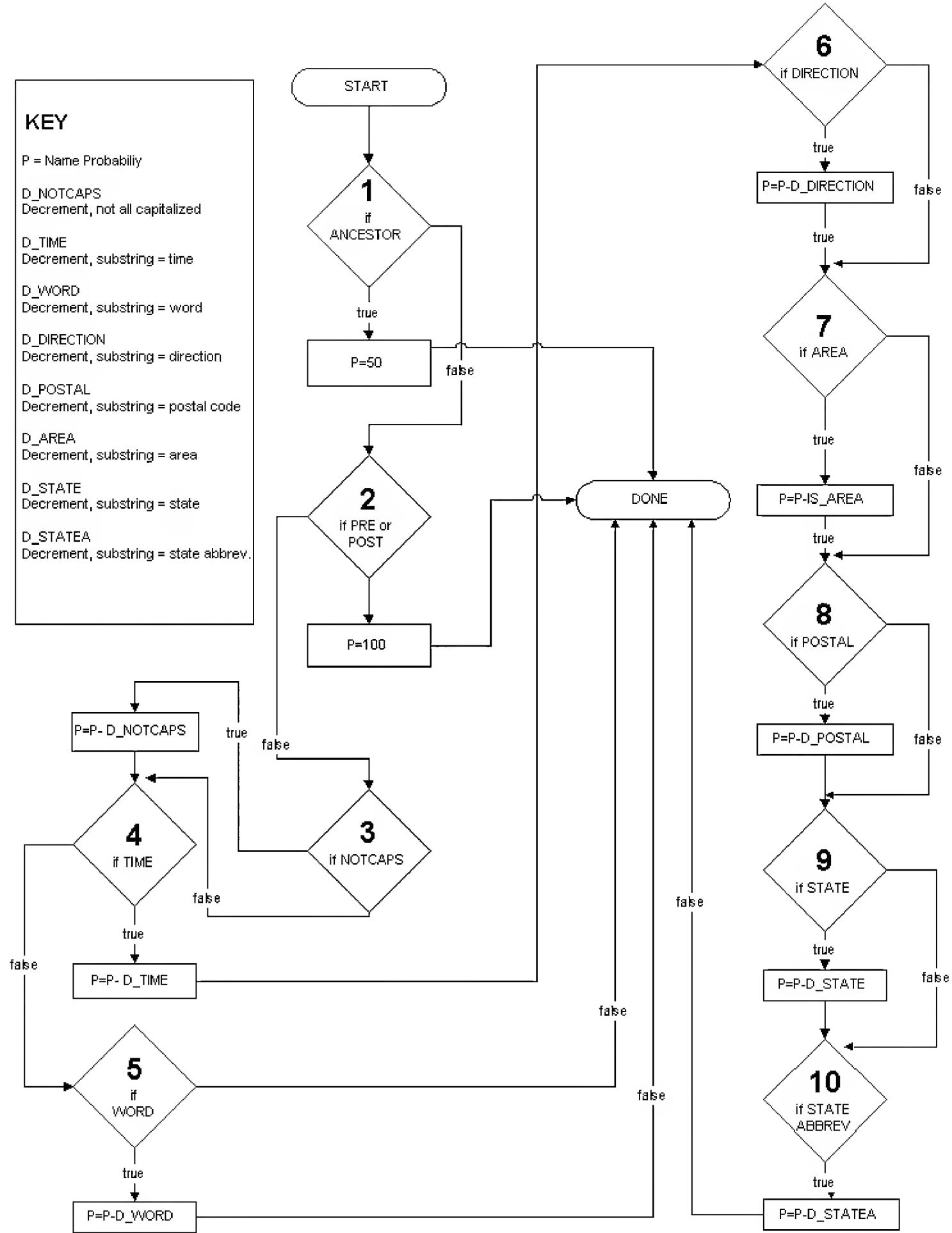


Figure 5

Processing | Network | Limits | **Increments** | Decrement | Coef. | Special |

Freq. threshold	Increment	Add	Del
1000	45		
5000	50		
10000	75		
25000	60		
50000	65		
100000	70		
200000	75		
400000	80		
600000	85		

Set to default | **Close**

Figure 6

Processing | Network | Limits | Increments | Decrement^s | Coef | Special |

Areas:

Not cap	35	State abbr.	30
Word	45	State full	35
Time	60	City	35
Direction	60	City, state	60
Postal	60	County	30
		County	45

Figure 7

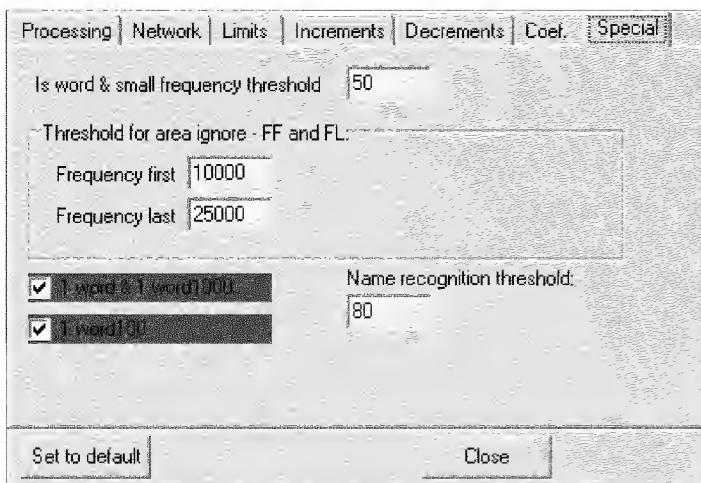


Figure 8

Processing | Network | Limits | Increments | Decrements | Coef. | Special |

Pre (Mr., Dr., Mrs.)	<input type="text" value="20"/>
First (John, Mike)	<input type="text" value="5"/>
Middle (John, Mike)	<input type="text" value="2"/>
Last (Smith, Jones)	<input type="text" value="10"/>
Ancestor (Jr., III, IV)	<input type="text" value="1"/>
Post (Ph.D, MD, DDS)	<input type="text" value="10"/>

Figure 9

$$\sum_{i=1}^6 X[i] K[i] P[i]$$

$$\sum_{i=1}^6 X[i] K[i]$$

Figure 10

1. Values for X

X[1] = PRE	X[4] = LAST
X[2] = FIRST1	X[5] = ANCESTOR
X[3] = FIRST2	X[6] = POST

2. Values for K

K[1] = PRE	K[4] = LAST
K[2] = FIRST1	K[5] = ANCESTOR
K[3] = FIRST2	K[6] = POST

3. Values for P

P[1] = PRE	P[4] = LAST
P[2] = FIRST1	P[5] = ANCESTOR
P[3] = FIRST2	P[6] = POST

Figure 11

i	Name part	Substring	X	K	P
1	PRE	Mr	1	20	100
2	FIRST1	Donato	1	5	145
3	FIRST2	S	1	2	100
4	LAST	Diorio	1	10	145
5	ANCESTOR		0	1	0
6	POST		0	10	0

Figure 12

Initial equation with values filled in from example:

$$\underline{X[1]^*K[1]^*P[1] + X[2]^*K[2]^*P[2] + X[3]^*K[3]^*P[3] + X[4]^*K[4]^*P[4] + X[5]^*K[5]^*P[5] + X[6]^*K[6]^*P[6]}$$

$$X[1]^*K[1] + X[2]^*K[2] + X[3]^*K[3] + X[4]^*K[4] + X[5]^*K[5] + X[6]^*K[6]$$

Completing the equation

1.

$$\underline{1^*20^*100 + 1^*5^*145 + 1^*2^*100 + 1^*10^*145 + 0^*1^*0 + 0^*10^*0}$$
$$1^*20 + 1^*5 + 1^*2 + 1^*10 + 0^*1 + 0^*10$$

2.

$$\underline{2000 + 725 + 200 + 1450 + 0 + 0}$$
$$20 \pm 5 + 2 + 10 + 0 + 0$$

3.

$$\underline{4375}$$
$$37$$

4. Final name score for "Mr Donato S. Diorio" = 118.24

Figure 13

Source	Name	Context	Location
whois	Mark Tortorici	Domain Name: PROQWEST.COM Administrative Contact: Tortorici, Mark (MT3493) markt@PROQWEST.COM ProQwest 592 Weddell	
homepage	James Duran	Duran HCP Team James Duran President 408-540-0071 408-893-4905 jamesd@du	duranteam.html
homepage	Susan Fox	licon Valley recruiting today... More... Susan Fox Vice President of Operations 408-540-0072 408-	duranteam.html
homepage	Joel Abraham	ng and Life Science start ups... More... Joel Abraham Director of Midwest Operations 414-908-7799 41	duranteam.html
homepage	Jeff Polo	ograms to best meet their needs. More... Jeff Polo Client Services Manager 408-540-0073 408-893-4	duranteam.html
homepage	Bianca Medina	volunteer helping area schools... More... Bianca Medina Accounting & HR 408-540-0074 biancam@duran	duranteam.html
homepage	Peter Weddle	and employment site rankings are The Green Book by Peter Weddle , and CareerXroads, by Gerry Crispin and Mark Mehler	maynews.html
homepage	Gerry Crispin	e Green Book by Peter Weddle, and CareerXroads, by Gerry Crispin and Mark Mehler. Both do comprehensive jobs of ra	maynews.html
homepage	Mark Mehler	ter Weddle, and CareerXroads, by Gerry Crispin and Mark Mehler . Both do comprehensive jobs of ranking and classi	maynews.html

Figure 14